

Architecture

Application Architecture

An application architecture is a map of how an organization's software applications are assembled as part of its overarching enterprise architecture and how those applications interact with each other to meet business or user requirements.

- https://en.wikipedia.org/wiki/Applications_architecture
- [Enterprise Architecture](#)

Snippet from *Wikipedia*: **[Applications architecture](#)**

In information systems, **applications architecture** or **application architecture** is one of several architecture domains that form the pillars of an enterprise architecture (EA).

An applications architecture describes the behavior of applications used in a business, focused on how they interact with each other and with users. It is focused on the data consumed and produced by applications rather than their internal structure. In application portfolio management, applications are mapped to business functions and processes as well as costs, functional quality and technical quality in order to assess the value provided.

The applications architecture is specified on the basis of business and functional requirements. This involves defining the interaction between application packages, databases, and middleware systems in terms of functional coverage. This helps identify any integration problems or gaps in functional coverage. A migration plan can then be drawn up for systems which are at the end of the software life cycle or which have inherent *technological risks*, a potential to disrupt the business as a consequence of a technological failure.

Applications architecture tries to ensure the suite of applications being used by an organization to create the composite architecture is scalable, reliable, available and manageable.

Applications architecture defines how multiple applications are poised to work together. It is different from software architecture, which deals with technical designs of how a system is built.

One not only needs to understand and manage the dynamics of the functionalities the composite architecture is implementing but also help formulate the deployment strategy and keep an eye out for technological risks that could jeopardize the growth and/or operations of the organization.

[Creative Commons Attribution-Share Alike 3.0](#)

Related:

- [Microservices](#)
- [Feature Flags](#)

- [Application](#)
- [What is ALM?](#)

External links:

- <https://martinfowler.com/tags/application%20architecture.html>
- https://enterprise-architecture.org/docs/application_architecture/application_modelling_overview/

Architecture Articles

A

- [Agile Architecture](#)
- [Application Architecture](#)
- [Architecture Lifecycle](#)

B

- [Business Architecture](#)

C

- [Cloud Architecture](#)

D

- [Data Architecture](#)
- [Digital architecture](#)

E

- [Enterprise Architecture](#)

I

- [Information Architecture](#)
- [Integration Architecture](#)

S

- [Security Architecture](#)
- [Software Architecture](#)
- [Solution Architecture](#)
- [System Architecture](#)

T

- [Technology Architecture](#)

From:
<https://almbok.com/> - **ALMBoK.com**

Permanent link:
<https://almbok.com/architecture/application>

Last update: **2020/09/12 11:46**

